CAD Tools Committee Meeting

Wednesday
17 Jan. 2006

Larry Carpenter, P.E.
Lab CAD Manager

Topics

- ANSYS Question

- Scheduled Task Progress

- TDM Cleanup Progress

- I-DEAS Naming/Numbering Rules

- Newsletter and User Group Meetings

- CAD Web Site

- CAD Environment Issues

- I-DEAS Naming/Numbering Rules

- I-DEAS 12/NX/Solid Edge Licenses

- I-DEAS 12 Rollout

- Teamcenter Engineering

ANSYS Question

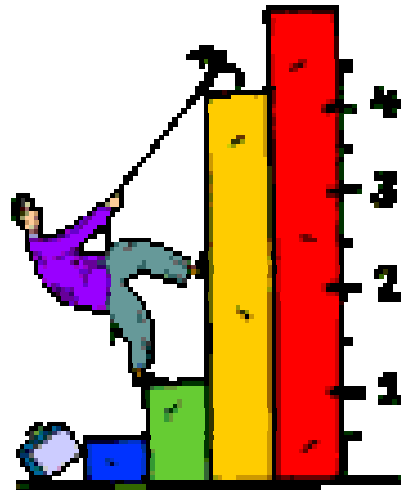How do we procure new ANSYS licenses?

I've been getting calls from the Belcan ANSYS sales rep, Chuck Norton, wanting us to buy some new ANSYS module that Zhijing Tang wants to purchase.

I'm at a complete loss as to what to do. Is there even an ANSYS budget for new license purchases? Is there some person or group that makes ANSYS purchasing decisions?

Scheduled Task Progress

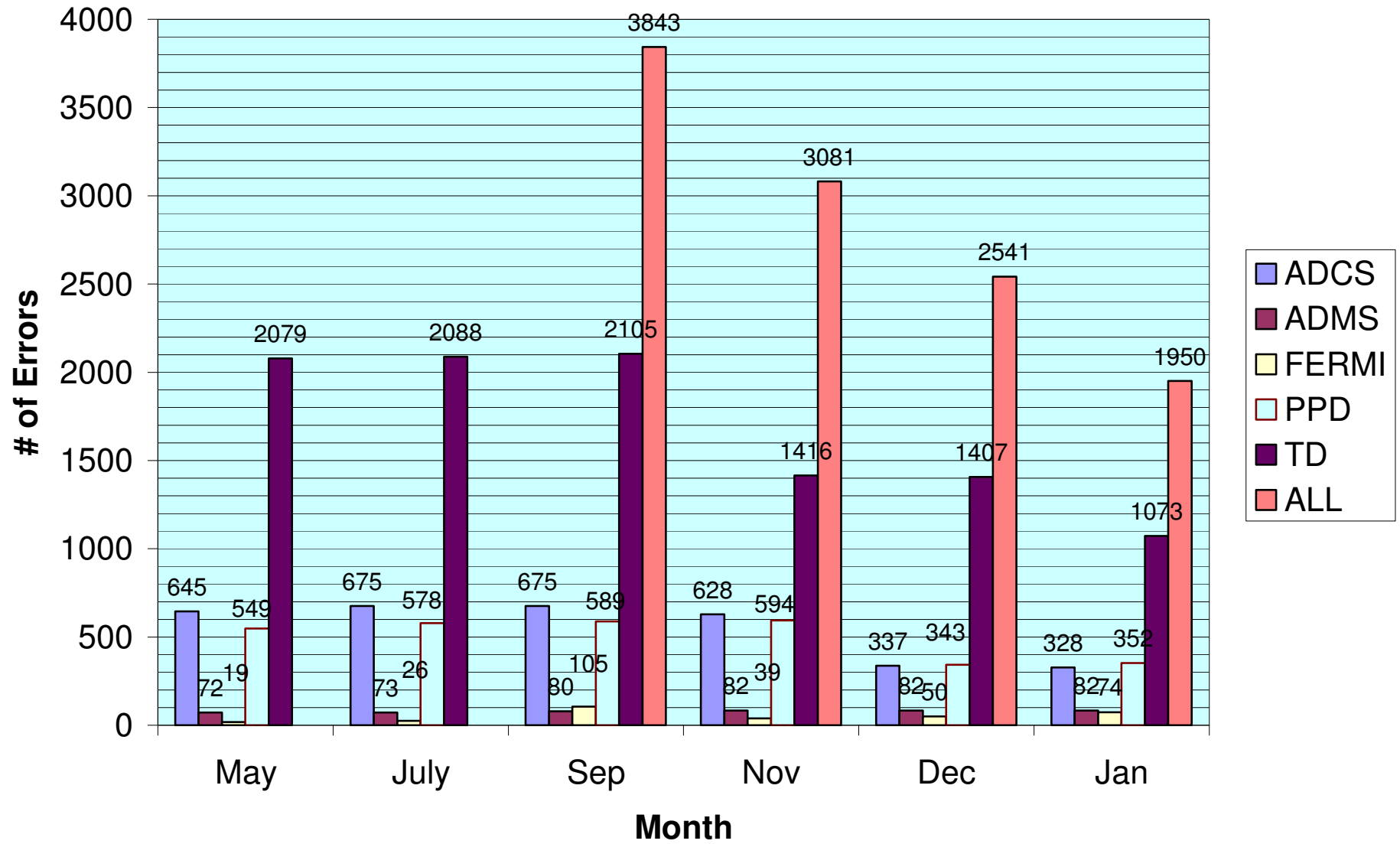**109 PCs ran the night maintenance script recently**

There are still a small number of PCs in each group not running it for various reasons, but these can be dealt with individually.

TDM Cleanup - 4 Jan 06

includes changes from 6 Dec 06

Error	TDM						Δ
	ADCS	ADMS	FERMI	PPD	TD	ALL	
DUPLICATE_VERSION_NUMBER							0
MISSING_ITEM_NAME	0	0	0	0	39	39	39
MULTIPLE_ITEM_NAMES							-23
MISSING_PART_NUMBER	14602	7779	4083	19446	28600	72824	5643
MULTIPLE_PART_NUMBERS							-19
INVALID_IMPORT_EXPORT_LOCK_STATUS							0
MIGRATED_DRAWING_DUPLICATE_VERSION_NUMBER							0
MULTIPLE_MIGRATED_DRAWINGS							0
INCOMPLETE_MIGRATED_DRAWING							0
INVALID_MIGRATED_DRAWING							0
CROSS_PROJECT_MIGRATED_DRAWING							0
MULTIPLE_LEGACY_DRAWINGS							0
DUPLICATE_PART_NUMBER	328	82	74	352	1073	1950	-591
INVALID_CHARACTERS_IN_ITEM_NAME	Does not include I-DEAS invalid characters						0
ITEM_NAME_TOO_LONG	1234	0	382	1626	2460	5683	-961
PART_NUMBER_TOO_LONG	0	0	12	17	0	29	12
REL_DUPLICATE_ITEM_NAME	Not done this time						0
CREATE_TIME_SEQUENCE_ERROR	0	0	0	0	0	0	-13
Library Files Check and Location: (missing files)	0	0	0	158	4	162	0
Assembly TMT Problems	55	0	0	1	15	71	-13
Noncompliance with Fermi Core Naming Conventions	5492	4760	446	18305	13262	42265	476
Size of TDM Shared Directory (GB)	10.9	12.3	19.1	49.1	32.3	123.7	3.7
Number of files in Shared Directory	23038	15872	17224	45430	48385	149949	2824

Duplicate Part Numbers

I-DEAS TDM Naming/Numbering Rules

I-DEAS TDM Item
Naming & Numbering
Rules

Revision History			
Rev.	Date Y-M-D	Name	Comments
		Larry Carpenter	Initial Release

✳ **Fermilab**   P.O. Box 500,   Larry Carpenter, P.E.   630-840-3443 (phone)   1 of 6
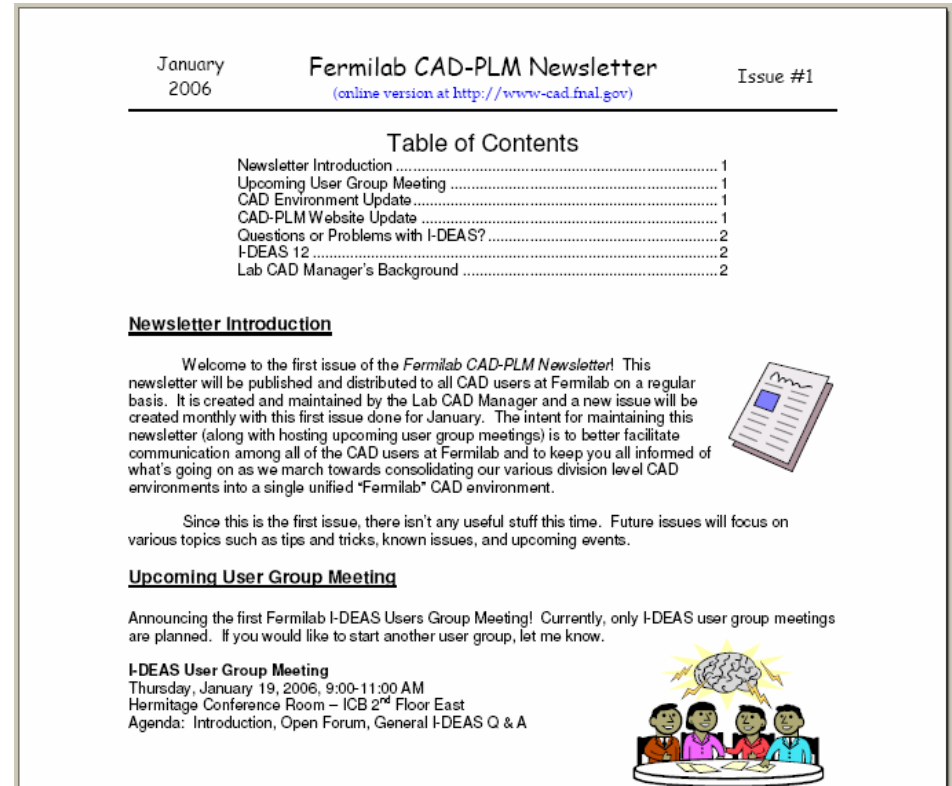Batavia, IL 60510   Lab CAD Manager   630-840-8036 (fax)

Had 1st Meeting in December. Currently making changes and additions.

Combing several separate naming documents into one.

Will schedule a follow up meeting when finished.

Newsletter and User Group Meetings Started

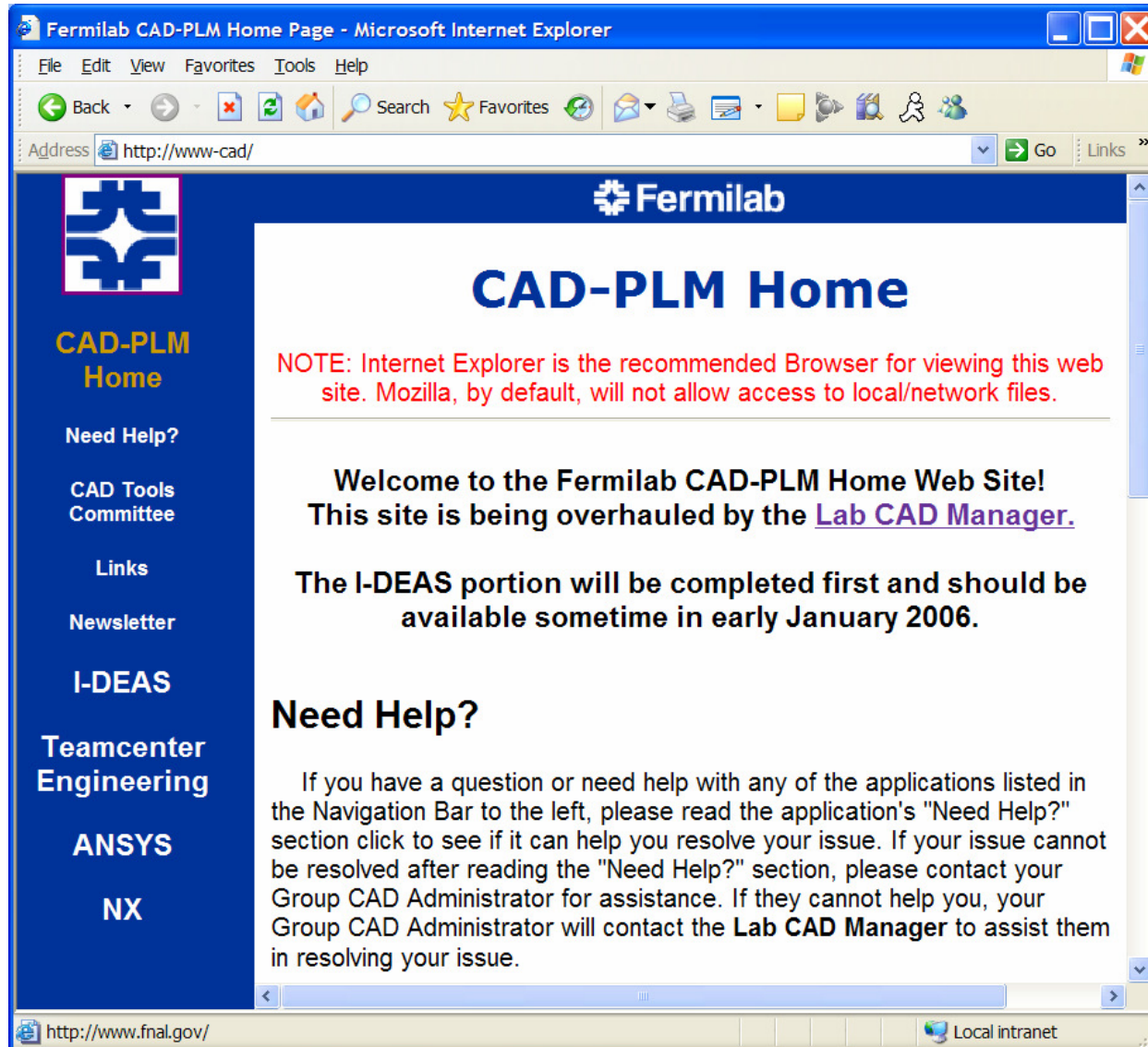- 1st issue of newsletter sent out to users

- 1st I-DEAS Users Group Meeting tomorrow

**Plan is to have monthly newsletter
and meetings.**

CAD Web Site
Grand Reopening!

Eventual home to everything CAD-PLM related at Fermilab.

CAD Environment Issues

I'm looking for feedback in regards to the following:

1. SDI Plotting

2. Drafting Environment

I-DEAS 12/NX/Solid Edge Licenses

- I-DEAS 12/NX/TCEng combined license server now running on FERMI-CADSRV-1

- Solid Edge v18 licenses located on ADMS server.

I-DEAS 12 Rollout

Would like to get I-DEAS 12 rolled out this year.

Big Question: When?

Teamcenter Engineering

Not Started!

In-Progress

In-Progress

GENERAL CAD
DATA CLEANUP

GENERATE GENERAL
PLM REQUIREMENTS

STANDARDIZE
CAD ENV

GENERATE TCENG
REQUIREMENTS

SPECIFIC CAD
DATA CLEANUP

SET UP
TCENG

TEST
TCENG

General PLM Req. Doc. must be written 1st in order to know how to proceed properly!

CHANGES
NEEDED?

YES

TCENG SET UP
CHANGES?

YES

NO

NO

DOCUMENT
TCENG

TCENG
REQUIREMENTS
CHANGES?

YES

TRAIN

NO

INSTALL APPS

CAD ENV
CHANGES?

YES

MIGRATE

NO

GO LIVE